

Use of Strip Maps in Motor Transport Operations





Objective

At the completion of this lesson you, the student, will be able to demonstrate the skills and knowledge required to correctly identify all the features on a strip map to include start point, release points, check points, distance between points, rest points, and bridges and obtain at least a 70% score.



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Strip Map Defined

A strip map is a sketch of a route which may or may not be drawn to scale, but which should show identifiable landmarks.



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Considerations

The drivers origin and destination

The route

Road type

Bridges and overpasses

Alternate routes

Determine the mileage/kilometers from point of origin to destination. Use this data in determining the approximate conversion from miles to kilometers.

(a) Kilometers (km) to miles: multiply km by .

Example: $37 \text{ km} \times .62 = 22.94$ or 23 miles.

(b) Miles (mi) to kilometers = multiply mi by 1.6

Example: $23 \text{ mi} \times 1.6 = 36.8$ or 37 km



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Items to Identify When Using a Strip Map

- Start point (SP)
- Release point (RP)
- Checkpoint (CP)
- Determine mileage/kilometers between points
- Routes and route numbers
- Major cities and towns
- Major roads and crossroads
- Rest and services areas
- Map symbols and special features
- Directional arrows
- Legend



Use of Strip Maps in Motor Transport

Operations Considerations When Using a

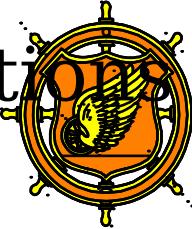
Strip Map

- Base of operation, rest halts, petroleum, oil and lubricants (POL) areas

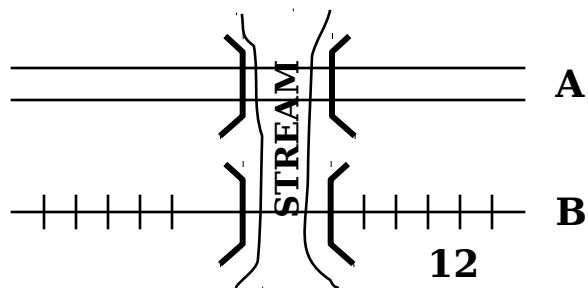
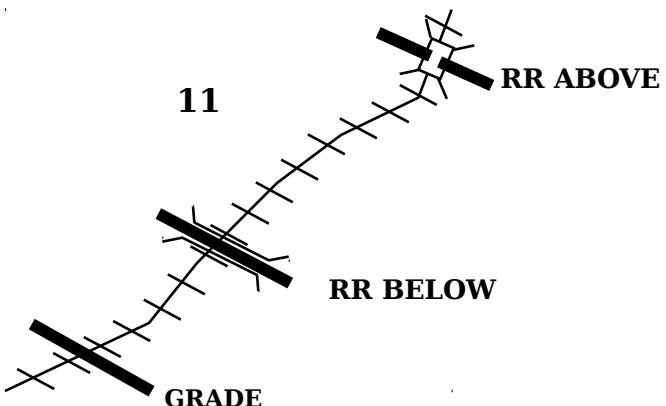
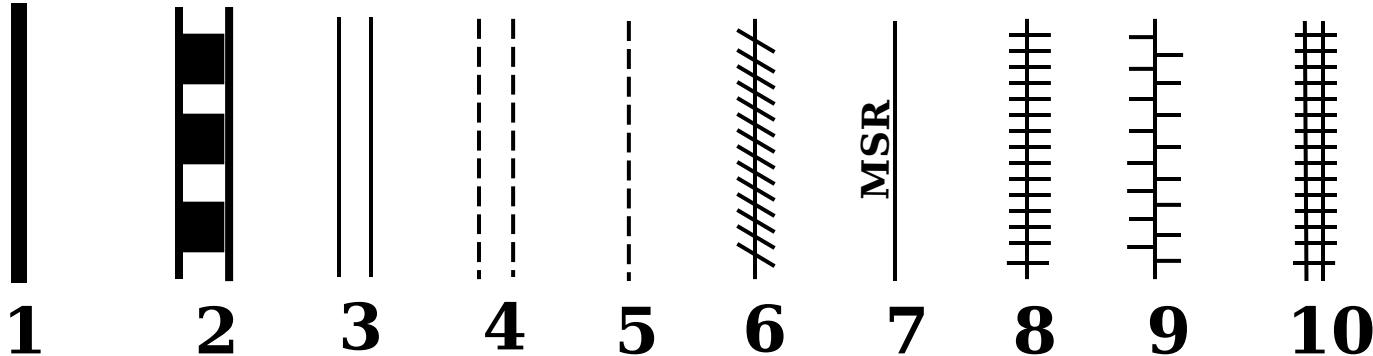
Consider the following when making an incorrect turn and finding yourself on the wrong road:

- (a) Use landmarks to determine your present location on the map.
- (b) Ask for directions toward a particular town or to a definite route.
- (c) Use the military or civilian police to

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Strip Map Symbols



1. Primary road
2. Secondary road
3. Other surfaced road
4. Dirt road
5. Trail
6. Impassable section of road
7. Main supply road
8. Single-track railroad, broad gage
9. Single-track railroad, narrow gage
10. Double-track railroad, standard gage
11. Crossings
12. Bridges:
 - a. Highway
 - b. Railroad



Summary

- Definition of a Strip Map
- Considerations that should be taken when using a strip map
- Symbols that are used in recognizing the features on a strip map